

# APHL-CDC Ronald H. Laessig Newborn Screening Fellowship

## Jump start your career and make a difference in the lives of children and families!

The Ronald H. Laessig Newborn Screening Fellowship Program, sponsored by the [Association of Public Health Laboratories \(APHL\)](#) and the [US Centers for Disease Control and Prevention \(CDC\)](#), is an exciting opportunity for post-bachelors, -masters and -doctoral scientists to apply their skills in a public health laboratory setting.

This two-year, full-time program allows fellows to work on a range of important and emerging newborn screening issues, preparing them for a career in newborn screening or clinical genetics. Fellows are paired with an experienced mentor in a state public health laboratory, who helps outline the fellow's research objectives and guides them through the program.

The fellowship includes a stipend, opportunities to participate in training, attend conferences and many other benefits.



Apply by  
**Feb. 28  
2022!**



### What will newborn screening fellows do?

- Gain knowledge about routine newborn screening phases and processes
- Build leadership skills to prepare for a career in newborn screening
- Demonstrate competency within testing areas such as sample preparation, testing, resulting and reporting
- Review quality control of each assay
- Perform instrument maintenance and troubleshooting
- Draft validation proposals, develop quality assurance checks and maintenance procedures to monitor the performance of the method
- Experience short and long term follow-up management of patients with identified disorders
- Submit abstracts to relevant conferences and symposia
- Conduct research projects proposed by laboratory leadership

Contact Guisou Zarbalian ([guisou.zarbalian@aphl.org](mailto:guisou.zarbalian@aphl.org)) with questions



### What are public health laboratories?

Public health laboratories are highly specialized public-sector laboratories that monitor and detect a range of health threats, such as genetic disorders in newborns, infectious diseases, environmental hazards and biological terrorist agents and much more.



### What is newborn screening?

Before leaving the hospital, every newborn baby is screened for certain harmful or potentially fatal conditions that are not otherwise apparent at birth. Newborn screening helps identify and treat these conditions before the babies get sick, preventing serious health problems or even death. It is the largest and most successful health promotion and disease prevention system in the country. Most newborn screening occurs at a public health laboratory.

Learn more about this and other  
APHL-CDC Fellowship Programs:  
[www.aphl.org/fellowships](http://www.aphl.org/fellowships)

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